

JC20 Rec'd PCT/PTO 06 JUN 2005

SEQUENCE LISTING

<110> Menarini Ricerche S.p.A.
<120> Process for the preparation of bicyclic peptide compounds
<130> 3874PTWO
<150> FI2002A000239
<151> 2002-06-12
<160> 11
<170> PatentIn version 3.2
<210> 1
<211> 5
<212> PRT
<213> pentapeptide

<220>
<221> BINDING
<222> (1)..(1)
<223> Asp is bound to a benzyloxycarbonyl group

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<220>
<221> MOD_RES
<222> (5)..(5)
<223> METHYLATION

<400> 1

Asp Trp Phe Xaa Leu
1 5

<210> 2
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> cyclic pentapeptide

<220>
<221> BINDING
<222> (1)..(1)
<223> Asp is bound to a benzyloxycarbonyl group

<220>
<221> SITE
<222> (1)..(4)

<223> Asp and Dpr are bound together to form a cycle

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<220>

<221> MOD_RES

<222> (5)..(5)

<223> METHYLATION

<400> 2

Asp Trp Phe Xaa Leu

1 5

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> cyclic pentapeptide

<220>

<221> BINDING

<222> (1)..(1)

<223> Asp is bound to a benzyloxycarbonyl group

<220>

<221> SITE

<222> (1)..(4)

<223> Asp and Dpr are bound together to form a cycle

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<400> 3

Asp Trp Phe Xaa Leu

1 5

<210> 4

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> cyclic hexapeptide

<220>

<221> BINDING

<222> (1)..(1)
<223> Asp is bound to a benzyloxycarbonyl group and to a tert-butyl group

<220>
<221> SITE
<222> (2)..(5)
<223> Asp and Dpr are bound together to form a cycle

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X is Dpr (i.e. 2,3-aminopropionic acid)

<400> 4

Asp Asp Trp Phe Xaa Leu
1 5

<210> 5
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> bicyclic hexapeptide

<220>
<221> SITE
<222> (1)..(6)
<223> Asp and Leu are bound together to form a cycle

<220>
<221> BINDING
<222> (1)..(1)
<223> Asp is bound to a tert-butyl group

<220>
<221> SITE
<222> (2)..(4)
<223> Asp and Dpr are bound together to form a cycle

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<400> 5

Asp Asp Trp Phe Xaa Leu
1 5

<210> 6
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> bicyclic hexapeptide

<220>
<221> SITE
<222> (1)..(6)
<223> Asp and Leu are bound together to form a cycle

<220>
<221> SITE
<222> (2)..(5)
<223> Asp and Dpr are bound together to form a cycle

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<400> 6

Asp Asp Trp Phe Xaa Leu
1 5

<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> bicyclic glycopeptide

<220>
<221> SITE
<222> (1)..(6)
<223> Asp and Leu are bound together to form a cycle

<220>
<221> CARBOHYD
<222> (1)..(1)
<223> Asp is bound to
2-acetamide-3,4,6-tri-O-acetyl-2-deoxy-beta-D-glucopyranosylamine

<220>
<221> SITE
<222> (2)..(5)
<223> Asp and Dpr are bound together to form a cycle

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<400> 7

Asp Asp Trp Phe Xaa Leu

1 5

<210> 8
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> bicyclic glycopeptide

<220>
<221> SITE
<222> (1)..(6)
<223> Asp and Leu are bound together to form a cycle

<220>
<221> CARBOHYD
<222> (1)..(1)
<223> Asp is bound to 2-acetamide-2-deoxy-beta-D-glucopyranosylamine

<220>
<221> SITE
<222> (2)..(5)
<223> Asp and Dpr are bound together to form a cycle

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<400> 8

Asp Asp Trp Phe Xaa Leu
1 5

<210> 9
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> tetrapeptide

<220>
<221> BINDING
<222> (1)..(1)
<223> Trp is bound to a benzyloxycarbonyl group

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<220>
<221> BINDING

<222> (3)..(3)
<223> Dpr is bound to a tert-butoxycarbonyl group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> METHYLATION

<400> 9

Trp Phe Xaa Leu
1

<210> 10
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> tetrapeptide

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<220>
<221> BINDING
<222> (3)..(3)
<223> Dpr is bound to a tert-butoxycarbonyl group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> METHYLATION

<400> 10

Trp Phe Xaa Leu
1

<210> 11
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> pentapeptide

<220>
<221> BINDING
<222> (1)..(1)
<223> Asp is bound to a tert-butoxy group and to a benzyloxycarbonyl group

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X is Dpr (i.e. 2,3-diaminopropionic acid)

<220>
<221> BINDING
<222> (4)..(4)
<223> Dpr is bound to a tert-butoxycarbonyl group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> METHYLATION

<400> 11

Asp Trp Phe Xaa Leu
1 5